

Activity	No. animal	Cost of field trip from	NSTDA-SOW	P2-SOW	DTRA-SOW
Ratchaburi					
1. Bat sampling in June 2017	100	DTRA	NA	PCR for 5 viral family in OS and RS	Ext and PCR for 2C-CoV and Nipah in OS, RS
2. Bat sampling in Oct 2017	100	DTRA	NA	PCR for 5 viral family in OS and RS	Ext and PCR for 2C-CoV and Nipah in OS, RS
3. Rodent sampling in June 2017	50	DTRA	NA	PCR for 5 viral family in OS and RS	Ext and PCR for 2C-CoV in OS, RS
4. Rodent sampling in Oct 2017	50	DTRA	NA	PCR for 5 viral family in OS and RS	Ext and PCR for 2C-CoV in OS, RS
5. Macaque sampling in Mar 2017	100	DTRA	NA	PCR for 5 viral family in OS and RS	Ext and PCR for 2C-CoV and Herpes B in OS, RS
6. Healthy human with risk	100	NSTDA	7 Respiratory viruses Real-time PCR	PCR for 5 viral family in OS and Urine	Ext and PCR for 2C and 4 Human CoVs in OS and Urine (n=100)
7. SARI patients	200	DTRA	7 Respiratory viruses Real-time PCR	TBD	Ext and PCR for 36 Respiratory pathogens
8. Livestock sampling 2017	200	DTRA	NA	TBD PCR for 5 viral family in OS and RS	Ext and PCR for 2C-CoV in OS, RS (n=200)
Trip cost			500,000	0	1,500,000
Diagnostic cost			950,000	2,600,000	5,760,000
Total USD			27,941	76,471	169,412
Chonburi province					
1. Bat sampling in Nov 2016	100	P2	NA	Ext and PCR for 5 Viral family testing in OS and RS	PCR for Nipah (in OS, BL,UR, pooled urine) and 2C-CoV (in RS, pooled urine) testing
2. Bat sampling in Feb 2017	100	P2	NA	Ext and PCR for 5 Viral family testing in OS and RS	PCR for Nipah (in OS, BL,UR, pooled urine) and 2C-CoV (in OS) testing
3. Bat sampling in May 2017	100	DTRA	NA	Ext and PCR for 5 Viral family testing in OS and RS	PCR for Nipah (in OS, BL,UR, pooled urine) and 2C-CoV (in RS) testing
4. Bat pooled urine 3 trips	200	P2+DTRA	NA	NA	Ext and PCR for Nipah and 2C-CoV in pooled urine
5. Health human with risk	100	P2	NA	Ext and PCR for 5 Viral family testing in OS and Urine	PCR for Nipah and 5 Human-CoVs (in OS, UR) testing
Trip cost			0	500,000	150,000
Diagnostic cost			0	3,300,000	2,130,000
Total USD			0	97,059	62,647
Other: NSTDA archived samples					
1. Sequencing				Sequencing of positive PCR	Sequencing of positive PCR
2. Spike and RdRp gene study	50	NSTDA	screening n=2,800 PCRs	NA	Sequencing of spike and (longer) RdRp gene
3. NGS on bat feces	20	NSTDA		NA	Metagenomics sequencing of bat feces samples
4. NGS on SARI specimens	20	DTRA			Metagenomics sequencing of SARI patient samples
Trip cost 2016			1,200,000	0	0
Diagnostic cost			5,400,000	690,000	6,600,000
Total USD			158,824	20,294	194,118
GRAND TOTAL - USD			186,764.71	193,823.53	426,176.47